

**Distribution System Upgrades Happy Valley-Goose Bay Distribution System**

1 Q. Provide for each year since 2015, the load additions to the system and the  
 2 forecasted additions in 2018 and 2019. For any such addition, please indicate the  
 3 nature of the electricity usage in a manner consistent with Table 1 to NLH’s  
 4 response to PUB-NLH-006 in the New Load Additions in Labrador East application.  
 5 Make sure to indicate if any past, pending or forecasted additions relate to data  
 6 centers.

<b>Customers’ Demand</b>		
<b>Year</b>	<b>Type of service</b>	<b>Max demand (kW)</b>
2015		
2016		
2017		
2018		
2019		

7 A. Table 1 outlines general service load additions in Labrador East for the period 2015  
 8 to 2017, including their maximum service load (demand) since connection, as well  
 9 as the forecast for 2018 and 2019. Demand of domestic customers is not metered  
 10 and, therefore, is not available.

**Table 1: New General Service Customer Additions**

<b>Year</b>	<b>Type of Service</b>	<b>Max Demand Since Connected (kW)</b>
2015	Water Treatment Plant	72.3
	Outdoor Recreation Facility	79.8
	Outdoor Recreation Facility	N/A <sup>1</sup>
	Government	54.5
	Innu Band Council Center	89.8
	Innu Band Council Center	175.9
	Car Wash	98.5
	Office	41.4

<sup>1</sup> N/A - The demands of customers with less than 10kW are not available as there are no demand meters in place.

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<i>Year</i>	<i>Type of Service</i>	<i>Max Demand Since Connected (kW)</i>
	Office	N/A
	Office	N/A
	Shed	N/A
	Restaurant	113.3
	Data Center	695.7
	Hangar	128.6
2016	Carpentry Shop	124.1
	Lift Station	9.5
	Heat Trace	N/A
	Pole Service	N/A
	Religious Building	N/A
	Car dealership	64.1
	Equipment Rental Shop	N/A
	Air Transportation	86.7
	Retail	148.1
	Construction	313.3
	Construction	124.0
	Welding	115.9
2017	Fitness Center	49.9
	Pole Service	N/A
	Youth Centre	N/A
	Business	2.5
	Town Building	N/A
	Environmental Services	N/A
	Government	N/A
	Data Center	217.7
	Data Center	300.8
	Data Center	393.1
2018	Outdoor Recreation	N/A
	Data Center	605.9
2018 Forecast <sup>2</sup>	Six New General Service Customers <sup>3</sup>	96.0 <sup>4</sup>
	Large Retail Store	425.0
2019 Forecast <sup>2</sup>	Five New General Service Customers <sup>3</sup>	65.0 <sup>4</sup>

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<sup>2</sup> Forecast based on Spring 2017 Load Forecast.

<sup>3</sup> The forecast for general service customers with demand under 100 kW is based on the historical trend of general service growth. Customer type and individual demand are unavailable.

<sup>4</sup> The total forecasted impact of the new general service customers on the system peak.